

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#<sup>RS</sup> PATENTS  
# 2662  
10-10-03

Applicants: Ali N. Saleh, H. Michael Zadikian, Zareh Baghdasarian, Valid Parsi

Assignee: Cisco Technology, Inc.

Title: VIRTUAL PATH RESTORATION SCHEME USING FAST DYNAMIC MESH  
RESTORATION IN AN OPTICAL NETWORK

Serial No.: 09/751,653

Filed: December 30, 2000

Examiner: Hanh N. Nguyen

Group Art Unit: 2662

Docket No.: CIS0008C2US

Austin, Texas  
September 24, 2003

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Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(c)(2)

Technology Center 2600

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are not enclosed as all documents were previously cited by or submitted to the Patent Office. For the Examiner's convenience, the references have been categorized by the U. S. counterpart Application in which they were originally cited, detailed as follows:

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## PATENTS

Cited in App. No. 09/232,397, entitled "A Method For Routing Information Over A Network" ATTY DKT. NO. CIS0008US	Cited in App. No. 09/477,498, entitled "Method of Providing Network Services" ATTY DKT. NO. CIS0008P1US	Cited in App. No. 09/478,235, entitled "Method For Path Selection In A Network" ATTY DKT. NO. CIS0008P2US	Cited in App. No. 09/389,302, entitled "Network Addressing Scheme For Reducing..." ATTY DKT. NO. CIS0008P3US
1. 5,049,871	1. 5,933,425	1. 5,596,722	1. 5,781,528
2. 5,737,319	2. 6,097,722	2. 5,687,167	2. 6,097,696
3. 5,920,257	3. 6,154,778	3. 5,805,593	3. 6,115,753
4. 5,999,286	4. 6,259,673	4. 5,884,297	4. 6,272,107
5. 6,011,780	5. 6,301,244	5. 6,041,049	5. 6,463,062
6. 6,041,037	6. 6,347,078	6. 6,130,881	
7. 6,075,766		7. 6,370,119	
8. 6,075,775		8. 6,400,681	
9. 6,130,876		9. 6,504,845	
10. 6,134,671			<b>RECEIVED</b>
11. 6,222,653			OCT 07 2003
12. 6,292,464			
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14. 6,457,050			

## OTHER ART

Cited in App. No. 09/232,397, entitled "A Method For Routing Traffic Over A Network" ATTY DKT. NO. CIS0008US
1. Ali Saleh, H. Michael Zadikian, Zareh Baghdasarian, Vahid Parsi, "A Method For Routing Information Over A Network," filed January 15, 1999, Serial No. 09/232,397.
2. H. Michael Zadikian; Steven E. Plote, John C. Adler, David Parish Autry, Ali Saleh, "Method of Providing Network Services", filed January 4, 2000; Serial No. 09/477,498.
3. Ali Saleh, "A Method For Path Selection In A Network", filed January 4, 2000; Serial No. 09/478,235.
4. Ali N. Saleh and Stevan E. Plote, "A Network Addressing Scheme For Reducing Protocol Overhead In An Optical Network", filed September 2, 1999; Serial No. 09/389,302.
5. Ali Saleh, H. Michael Zadikian; John C. Adler, Zareh Baghdasarian, Vahid Parsi, "Configurable Network Router", filed January 15, 1999; Serial No. 09/232,395.
6. Ali N. Saleh, Douglas E. Duschatko, Lane Byron Quibodeaux, "Method And Apparatus For A Rearrangeably Non-Blocking Switching Matrix", filed January 4, 2000; Serial No. 09/477,166.
7. H. Michael Zadikian, Ali Saleh; John C. Adler, Zareh Baghdasarian, Vahid Parsi, "A Resource Management Protocol For A Configurable Network Router", filed January 4, 2000; Serial No. 60/174,323.
8. Ronald Alan Russell and Michael Kevin Anthony, "A Method And Apparatus For Isolating Faults In A Switching Matrix", filed January 4, 2000; Serial No. 09/477,217.

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| 9.  | H. Michael Zadikian, Ali Saleh, John C. Adler, Zareh Baghdasarian, Vanid Parsi, "A Method of Allocating Bandwidth in an Optical Network" (as amended), filed January 15, 1999, Serial No. 09/232,396. |
| 10. | The ATM Forum Technical Committee, "Interim Inter-switch Signaling Protocol (IISP) Specification v1.0", af-pnni-0026.000, December 1994, pgs. 1-34.   |
| 11. | The ATM Forum Technical Committee, "Private Network-Network Interface Specification Version 1.0 (PNNI 1.0), afpnni-0055.000, March 1996, pgs. v-xviii, pgs. 19, 1-366.                                |
| 12. | The ATM Forum Technical Committee, "Private Network-Network Interface Specification Version 1.0 Addendum (Soft PVC MIB), af-pnni-0066.000, September 1996.  |
| 13. | The ATM Forum Technical Committee, "Addendum to PNNI V1.0 for ABR parameter negotiation, af-pnni-0075.000, January 1997, pgs. 2-3.  |
| 14. | The ATM Forum Technical Committee, "PNNI V1.0 Errata and PICS, af-pnni-0081.000, May 1997, pgs. 2-224.  |
| 15. | J. Moy, "OSPF Version 2", Ascend Communications, Inc., April 1998.  |
| 16. | K. Murakami, et al., "A MAPOS version 1 Extension - Switch-Switch Protocol", NTT Laboratories, June 1997.   |
| 17. | F. Baker, et al., "OSPF Version 2 Management Information Base", Cisco Systems, November 1995  |
| 18. | F. Baker, et al., "PPP Bridging Control Protocol (BCP)", IBM, June 1994.  |
| 19. | E. Decker, "Definitions of Managed Objects for Bridges", Cisco Systems, Inc., July 1994   |

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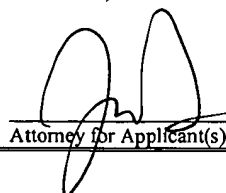
Citation of these documents shall not be construed as:

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1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

Please charge the fee of \$180.00 under 37 CFR § 1.17(p) for submission of an Information Disclosure Statement (plus any other fees which may be required) to Deposit Account No. 502306. This paper is being submitted in duplicate.

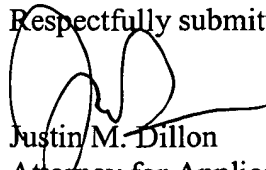
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on September 24, 2003.



Attorney for Applicant(s)

9-24-03  
Date of Signature

Respectfully submitted,



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